IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Gregory M. Chrysler et al. Applicant:

INTEGRATED MICRO CHANNELS AND MANIFOLD/PLENUM USING SEPARATE Title:

SILICON OR LOW COST POLYCRYSTALLINE SILICON

Docket No.:

884.A74US1

Filed:

December 29, 2003

Examiner:

Jasmine Clark

Serial No.: 10/749,901 Due Date: June 24, 2005 Group Art Unit: 2815

MS Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- A return postcard.
- An Amendment and Response (10 Pages).
- Petition for Extension of Time (1 pg.)
- A check in the amount of \$120.00 to cover the Extension of Time Fee.
- A Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 1 cited documents.
- A check in the amount of \$180.00 to cover the fee for consideration of Information Disclosure Statement under 97(c).

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

Reg. No. 36,776

Atty David D'Zurilla

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 24th day of June, 2005.

Name

Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)